

EXPLANATIONS OF FALL 2007 RATINGS

For the first time, overall unit and LMA ratings were determined by the percentage of a unit's or LMA's length which received a rating of M (Minimally Acceptable) or U (Unacceptable). Your Levee Mile Report(s) show the start and end location of each deficiency and the rating. Deficiencies with the same start and end location were given a length of 0.01 mile. Those units with no deficiencies were given a dummy entry from mile 0.00 to 0.01 with an M rating so that they would appear in the overall report and be included in LMA total mileage.

Refer to the bottom two lines (EXCLUDE PO & CO) at the bottom of the sheet for each unit. Note that each deficiency identified in the Levee Mile Report as having the same start and end Levee Mile is counted as being 0.01 mile in length. In addition, some units with no deficiencies were given a dummy entry with an M rating at the 0.00 start mile to ensure the unit's inclusion in the summary (a computer issue).

Refer to the enclosed *2007 Fall Inspection Overall Ratings* for a list of all 107 LMAs and their mileage rating percentages, and ratings for each unit and the LMA.

OVERALL RATINGS THRESHOLDS:

Only M ratings within Unit or LMA:

Zero to < 10 % M results in Overall A rating. 10% to < 20% M results in Overall M rating. $\geq 20\%$ M rating results in Overall U.

If Miles of M in Unit or LMA > 0 but < 0.10 , Overall Rating = A
Total miles in Unit or LMA

If Miles of M in Unit or LMA ≥ 0.10 but < 0.20 , Overall Rating = M
Total miles in Unit or LMA

If Miles of M in Unit or LMA ≥ 0.20 , Overall Rating = U
Total miles in Unit or LMA

Only U ratings within Unit or LMA:

> Zero to < 5% U rating results in Overall M rating. $\geq 5\%$ U rating results in Overall U rating.

If Miles of U in Unit or LMA > 0 but < 0.05 , Overall Rating = M
Total miles in Unit or LMA

If Miles of U in Unit or LMA ≥ 0.05 , Overall Rating = U
Total miles in Unit or LMA

Both M and U ratings within Unit or LMA:

If $(M + 4U) < 20\%$, Overall rating is M. If $(M + 4U) \geq 20\%$, Overall rating is U.

Multiply miles of U by 4 and add to miles of M = $M + 4U$

If Miles of $M + 4U$ in Unit or LMA > 0 but < 0.20 , Overall Rating = M
Total miles in Unit or LMA

If Miles of $M + 4U$ in Unit or LMA ≥ 0.20 , Overall Rating = U
Total miles in Unit or LMA

Example 1: Unit length = 10.00 miles, M = 0.60 mile, U = 0.30 mile:
 $4U = 4(0.30) = 1.20$ miles. $M + 4U = 0.60 \text{ mile} + 1.20 \text{ mile} = 1.80$ miles

$$\frac{M + 4U}{\text{Total unit miles}} = \frac{1.80 \text{ miles}}{10.00 \text{ miles}} = 0.18 < 0.20 \text{ so Overall Rating} = M$$

Example 2: Unit length = 10.00 miles, M = 1.10 mile, U = 0.30 mile:
 $4U = 4(0.30) = 1.20$ miles. $M + 4U = 1.10 \text{ miles} + 1.20 \text{ miles} = 2.30$ miles

$$\frac{M + 4U}{\text{Total unit miles}} = \frac{2.30 \text{ miles}}{10.00 \text{ miles}} = 0.23 > 0.20 \text{ so Overall Rating} = U$$

Example 3: Unit length = 10.00 miles, M = 0.60 mile, U = 0.40 mile:
 $4U = 4(0.40) = 1.60$ miles. $M + 4U = 0.60 \text{ mile} + 1.60 \text{ miles} = 2.20$ miles

$$\frac{M + 4U}{\text{Total unit miles}} = \frac{2.20 \text{ miles}}{10.00 \text{ miles}} = 0.22 > 0.20 \text{ so Overall Rating} = U$$